AMENDMENTS TO THE CLAIMS

1-10. (Canceled)

11. (Previously Presented) An apparatus in a communication system comprising:

a first signal processing block for processing a first received signal according to a first communication standard to produce a first received processed signal;

a second signal processing block for processing a second received signal according to a second communication standard to produce a second received processed signal; and

a combiner for combining said first and second received processed signal to produce a combined signal.

12. (Original) The apparatus of claim 11 further comprising:

a decoder for decoding said combined signal to retrieve information communicated via said first and second signals.

13. (Previously Presented) The apparatus of claim 11 wherein said first processing block comprising:

a despreader despreading said first signal by multiplying said first signal with a first PN sequence compatible to said first communication standard to produce a first despread signal;

a traffic channel Walsh code despreader and demodulator to produce a first demodulated signal from said first despread signal; and

a deinterleaver deinterleaving said first demodulated signal according to a first interleaving/deinterleaving function of said first communication standard to produce said first received processed signal.

14. (Previously Presented) The apparatus of claim 11 wherein said second processing block comprising:

a despreader despreading said second signal by multiplying said second signal with a second PN sequence compatible to said second communication standard to produce a second despread signal;

a traffic channel Walsh code despreader and demodulator to produce a second demodulated signal from said second despread signal; and

a deinterleaver deinterleaving said second demodulated signal according to a second interleaving/deinterleaving function of said second communication standard to produce said second received processed signal.

15. (Previously Presented) An apparatus for detecting a broadcast control channel energy in a multi-generational mobile station comprising:

a pseudo-noise despreader for despreading a received broadcast control channel signal according to a known base station pseudo-noise sequence;

a broadcast control channel Walsh Code despreader for despreading the received signal according to a known Walsh Code for the broadcast control channel;

a signal energy calculator for calculating a signal energy of the signal despread by the pseudo-noise despreader and the Walsh Code despreader;

a multiplier for scaling the calculated signal energy according to a preset scaling factor; and

a comparator for comparing the scaled signal energy to a threshold.

16. (Previously Presented) The apparatus of claim 15 further comprising a means for determining whether the broadcast control channel is present based on the comparison of the scaled signal energy to the threshold.